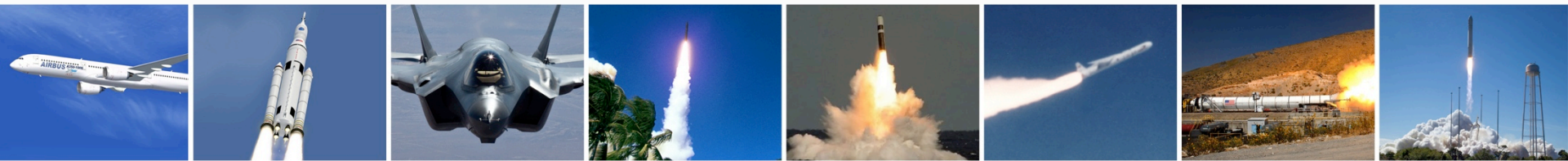




NASA Mentor Protégé Program Success Story

Orbital ATK and Florida A&M University

February 28, 2018



- Space Launch System – Marshall Space Flight Center

- Accomplishment = Team Approach.
 - **NASA MSFC**
 - Goal Requirement
 - Mentor Protégé Program and Contractual Changes

 - **Orbital ATK**
 - Leadership Assurance
 - Technical Champion

 - **Florida A & M University**
 - Understanding and Opportunity
 - Working outside the box

- Orbital ATK worked internally with Contracts and Program Management to identify a possible solution in meeting the goal requirements.
- SBLO takes the lead in identifying HBCU/MI Strengths and Capabilities.
- Identify a course of action that yields a return on investment. Make a good faith effort toward your goal that adds value to your contract.
- Management assigns a champion from his staff.
- Selection of the University.

Important Details and Understanding Process



- Meetings with FAMU to discuss possible ways to contract. Decision on what to break out from the Orbital ATK contract for consideration.
 - *Study to optimize fabrication process flow for refurbishment, assembly and verification testing of the SLS Core Stage Attach Rings and implementation analysis.*
- Technical Team wrote the statement of work and reviewed with the FAMU staff to ensure they were capable of the work. Two months to negotiate T&C's.
- Contract specifics – Study needed to be completed by the end of the school year. Multiple year contract with senior class project.
- Availability of Orbital ATK engineering and project lead was critical in completing the study as outlined in the statement of work. Continuous Q&A

Coordinate Expectation of Contract



- Contract is a legal binding agreement between two parties. A Mentor Protégé Agreement is an agreement for actions from both the Mentor and the Protégé.
 - MPA - Orbital ATK provided training and tools to assist with the success of the study.
 - Propulsion Enterprise System Training – Improvement, Cost Save, Competitive.
 - Hardware Processing Services – Program Process Constraints.
 - Value Stream Mapping – Current Condition and Target Condition
 - Marketing Individual Development – Resume Development
 - Benefits to the Mentor or Prime Contractor.
 - Benefit from the intel and knowledge of a University and associated staff.
 - Protégé Benefits.
 - Real life experience working on the space program.